



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 6088

SERIAL NUMBER 09/900,280	FILING DATE 07/06/2001 RULE	CLASS 707	GROUP ART UNIT 2162	ATTORNEY DOCKET NO. (9917) NCRC-0051-US
-----------------------------	---------------------------------------	--------------	------------------------	--

APPLICANTS

Gang Luo, Madison, WI;
 Curt J. Ellmann, Madison, WI;
 Jeffrey F. Naughton, Madison, WI;

** CONTINUING DATA ***** *NYF*

** FOREIGN APPLICATIONS ***** *NONE NYF*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED
 ** 08/23/2001

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no 35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance Verified and Acknowledged Examiner's Signature <i>NYF</i> Initials	STATE OR COUNTRY WI	SHEETS DRAWING 12	TOTAL CLAIMS 20 16	INDEPENDENT CLAIMS 4 2
---	---------------------------	-------------------------	-------------------------------------	------------------------------

ADDRESS
 26890
 JAMES M. STOVER
 NCR CORPORATION
 1700 SOUTH PATTERSON BLVD, WHQ4
 DAYTON, OH
 45479

TITLE
 Auxiliary relation for materialized view

FILING FEE RECEIVED 1150	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
------------------------------------	---	---